

Figure 1

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BLAST search
against
SwissProt



Identify gene family

ClustalW comparison
with SwissProt top hit



Demonstrates global alignment

BLAST against non-
redundant GPCR db



Demonstrates GPCR sub-family

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ClustalW Alignment of PFI-020 with P2U purinoceptor 1 (P2U1)

[illegible]

Figure 3: Stimulation of PFI-020 by 2-methyl-thio-ADP

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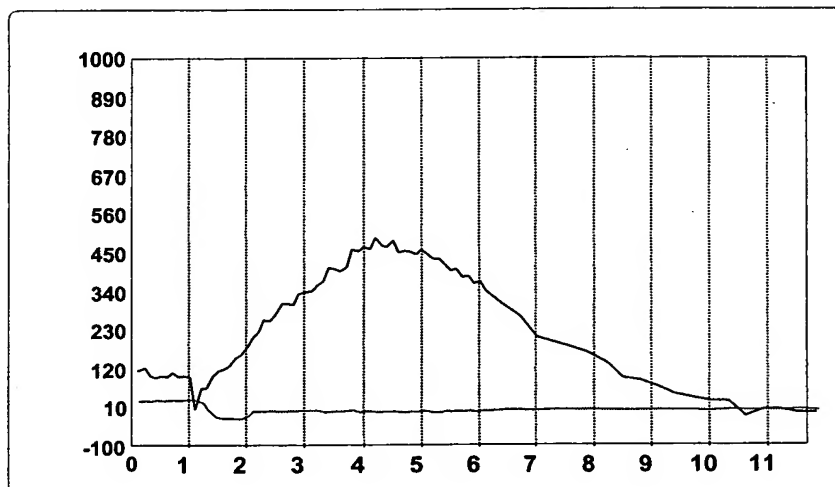


Figure 4: Stimulation of PFI-020 by UTP

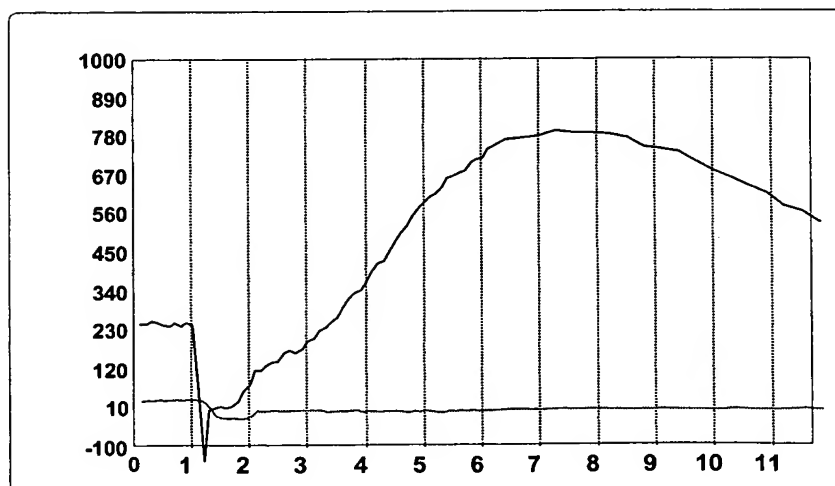
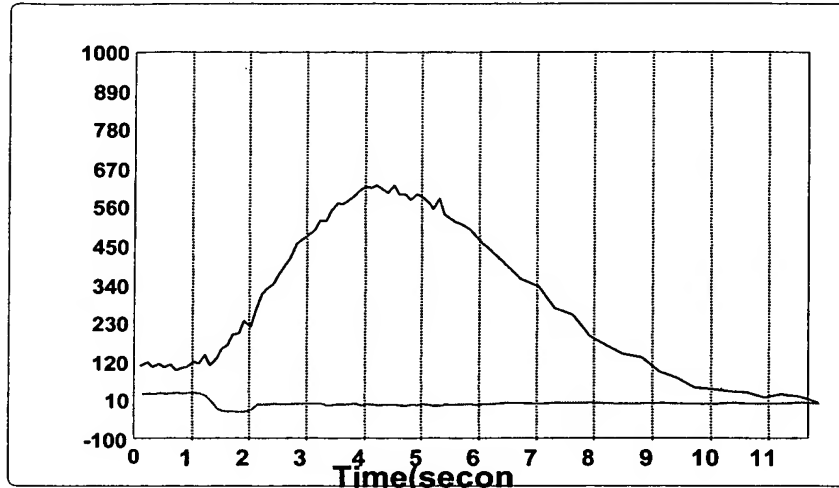


Figure 5: Stimulation of PFI-020 by 2-chlor -ATP**Figure 6: Stimulation of PFI-020 by 2-methyl-thio-ATP**